IN THE CLAIMS:

Please cancel Claims 11-23 and 25 without prejudice to or disclaimer of the subject matter presented therein.

Please amend Claims 1-10 and add new Claims 51-55 as follows.

1. (Currently amended) An image display apparatus for providing multiple parallax images to a single eye of an observer, said apparatus comprising:

image display means for displaying a parallax image;

a display optical system for guiding light from said ~~the~~ image display means to a position of an exit pupil; and

exit pupil control means for presenting a given image to a given portion of an exit pupil,

wherein a different parallax image, a portion of an optical path of which is overlapped, is presented to an observer through no less than two different portions of the exit pupil in a predetermined time, and wherein the parallax image is recognized at a position farther than said display optical system ~~spatially and temporally dividing the exit pupil into a plurality of areas and controlling a passing beam to each other, and image switching control means for controlling switching between parallax images of the image display means in correspondence to passing beams through the respective areas of the exit pupil, wherein a plurality of parallax images are perceived by a single eye of an observer~~.

2. (Currently amended) An image display apparatus according to claim 1, wherein said exit pupil control means divides th exit pupil into a plurality of areas

~~comprising image display means for displaying a parallax image, a display optical system for guiding light from the image display means to a position of an exit pupil, and exit pupil control means for controlling a position or a size of the exit pupil in a direction perpendicular to the optical axis, dividing the exit pupil into a plurality of areas, and successively generating the plurality of divided areas of the exit pupil without duplication, wherein the image display means successively displays corresponding parallax images according to beams passing the respective areas thus generated~~.

3. (Currently amended) The image display apparatus according to Claim 1 ~~or 2~~, further comprising image display illumination means divided into a plurality of areas for dividing the exit pupil into a plurality of areas ~~wherein said exit pupil has a diameter two to five times larger than a diameter of the pupil of the observer using said image display apparatus~~.

4. (Currently amended) An ~~The~~ image display apparatus ~~according to Claim 1 or 2, wherein any one of the plurality of areas in said exit pupil has a size not more than half a size of the pupil of the observer using said image display apparatus~~ comprising a pair of image display apparatus of claim 2 or 3 for a right eye and a left eye of an observer.

5. (Currently amended) The image display apparatus according to Claim ~~1 or~~ 2 or 3, said image display apparatus being mounted on the head of the observer, wherein said exit pupil is fixed at the position of the pupil of the observer.

6. (Currently amended) ~~The image display apparatus according to Claim 1 or~~ 2 or 3, wherein said exit pupil is divided into a plurality of areas only in the horizontal direction.

7. (Currently amended) The image display apparatus according to Claim ~~1 or~~ 2 or 3, wherein said image display means comprises a transmissive spatial light modulator and said exit pupil control means comprises a self-emissive spatial light modulator.

8. (Currently amended) The image display apparatus according to Claim ~~1 or~~ 2, wherein said image display means comprises a self-emissive spatial light modulator and said exit pupil control means comprises a transmissive spatial light modulator.

9. (Currently amended) The image display apparatus according to Claim ~~1 or~~ 2 or 3, wherein each of said image display means and said exit pupil control means comprises a transmissive spatial light modulator.

10. (Currently amended) The image display apparatus according to Claim ~~1 or~~ 2, wherein said exit pupil control means comprises a micro-mirror device.

11-50. (Canceled)

51. (New) An image display apparatus according to claim 3, wherein said image display means is of a reflective type.

52. (New) An image display system comprising:

the image display apparatus of claim 2 or 3; and

an image input apparatus,

wherein the image input apparatus comprises:

image capture means for capturing an image of an object,

an imaging optical system for guiding light from the object to said image capture means,

aperture generating means for dividing a pupil of said imaging optical system into a plurality of apertures, and

control means for controlling said image capture means and said aperture generating means to take a parallax image corresponding to the respective aperture of the pupil of said imaging optical system,

wherein the aperture has a size no more than half the size of a human pupil and can be positioned at one of plural positions within an area substantially equal to the size of a human pupil.

53. (New) An image display system according to claim 51, wherein, in the imaging optical system of said image input apparatus, a ratio of a distance from an optical axis of each aperture formed by said aperture generating means and a size of the aperture is substantially equal to a ratio of a distance from an optical axis of each corresponding area formed in said display optical system of said image display apparatus and a size of area.

54. (New) An image display system comprising a pair of image display systems according to claim 51 for a right eye and a left eye of an observer.

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55. (New) An image display system comprising a pair of image display systems according to claim 52 for a right eye and a left eye of an observer.